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AGRICULTURAL MEMORANDUM NO 703

Agroclimatic areas - estimated average potential transpirations for coastal areas, 1941-70

L P Smith

Ag.Mem.693 gave the 1941-70 averages for the new agroclimatic areas. The present memo. now adds the estimated P.T. and sunshine averages for the coastal parts of these areas, replacing Tables 7A and 7B of Tech.Bull.16.

Attempts have been made to maintain consistency in the summer values, and the winter figures have been little altered from those in Tech.Bull.16. Mean Saturation Deficits have not been worked out as these have been little used over the years, but reasonable figures can be obtained by interpolation from previous figures.

Any comments or suggestions on this paper should be referred to the author.

Meteorological Office
Bracknell

February 1975

	Summer						Winter					
	A	M	J	Jy	A	S	J	F	M	O	N	D
1A & 1B	2.00	2.85	3.25	3.20	2.40	,1.60	0.15	0.45	1.30	0.80	0.20	0.05
	0.16	0.24	0.38	0.30	0.36	0.15						
	5.0	5.9	6.1	5.5	5.1	4.4						
5	2.05	2.90	3.30	3.25	2.55	1.65	0.15	0.45	1.30	0.80	0.20	0.05
	0.17	0.28	0.36	0.30	0.37	0.16						
	4.8	5.6	6.0	5.3	4.8	4.3						
7	2.05	2.95	3.35	3.35	2.60	1.70	0.15	0.45	1.25	0.85	0.20	0.05
	0.18	0.30	0.32	0.29	0.37	0.20						
	4.9	5.9	6.3	5.6	5.0	4.3						
13	2.10	3.10	3.40	3.40	2.70	1.80	0.20	0.45	1.15	0.85	0.20	0.05
	0.19	0.30	0.30	0.29	0.37	0.22						
	5.0	5.9	6.4	5.6	5.1	4.3						
17b	2.15	3.20	3.55	3.55	2.90	1.90	0.20	0.45	1.20	0.85	0.25	0.05
	0.17	0.34	0.34	0.30	0.37	0.24						
	5.2	6.3	6.7	5.8	5.5	4.5						
24	2.25	3.35	3.70	3.70	3.05	2.00	0.20	0.45	1.20	0.95	0.30	0.10
	0.16	0.27	0.26	0.29	0.33	0.30						
	5.6	6.7	7.1	6.4	5.8	4.9						
29	2.30	3.35	3.80	3.80	3.10	2.00	0.20	0.45	1.25	0.95	0.35	0.10
	0.15	0.26	0.29	0.28	0.31	0.26						
	5.7	6.7	7.1	6.4	5.8	4.9						
33	2.30	3.35	3.90	3.90	3.20	2.05	0.20	0.50	1.30	1.00	0.35	0.15
	0.15	0.25	0.28	0.25	0.30	0.24						
	5.7	6.9	7.3	6.6	6.1	5.0						
34	2.35	3.35	3.95	3.95	3.25	2.05	0.20	0.50	1.30	1.00	0.40	0.15
	0.16	0.28	0.28	0.25	0.30	0.24						
	5.9	7.0	7.6	7.0	6.3	5.1						
39b	2.35	3.40	4.00	3.95	3.25	2.05	0.20	0.50	1.30	1.10	0.45	0.15
	0.16	0.28	0.28	0.26	0.30	0.24						
	6.1	7.3	7.7	7.0	6.5	5.4						
38a	2.30	3.35	3.95	3.85	3.20	2.05	0.20	0.50	1.25	1.10	0.45	0.15
	0.18	0.29	0.29	0.26	0.29	0.24						
	6.2	7.5	8.0	7.2	6.6	5.6						
38b 37b	2.25	33.0	3.90	3.80	3.15	2.00	0.20	0.50	1.25	1.10	0.40	0.10
	0.20	0.30	0.30	0.27	0.28	0.23						
	6.1	7.6	8.0	7.3	6.6	5.6						
46	2.30	3.30	3.90	3.80	3.15	1.95	0.20	0.55	1.30	1.05	0.40	0.10
	0.21	0.29	0.30	0.32	0.31	0.22						
	6.2	7.3	7.6	7.0	6.6	5.4						
45b 45a	2.25	3.30	3.85	3.80	3.10	1.90	0.20	0.55	1.30	1.00	0.40	0.15
	0.20	0.28	0.32	0.31	0.30	0.22						
	6.0	7.0	7.3	6.9	6.4	5.1						

	A	M	J	Jy	A	S	J	F	M	O	N	D
43b	2.25	3.30	3.65	3.65	3.05	1.90	0.20	0.55	1.35	0.95	0.40	0.20
	0.20	0.28	0.34	0.30	0.28	0.22						
	6.0	7.0	7.3	6.8	6.1	4.8						
42 south	2.35	3.35	3.70	3.65	3.05	1.95	0.25	0.55	1.35	0.95	0.40	0.20
	0.20	0.28	0.32	0.29	0.28	0.23						
	6.0	7.0	7.2	6.6	6.1	4.9						
40	2.40	3.40	3.70	3.70	3.10	2.00	0.25	0.55	1.35	1.00	0.45	0.20
	0.21	0.27	0.31	0.29	0.27	0.23						
	6.4	7.4	7.6	7.2	6.5	5.4						
42 north	2.30	3.35	3.70	3.65	3.05	1.95	0.25	0.55	1.35	1.05	0.45	0.15
	0.20	0.27	0.30	0.29	0.27	0.23						
	5.9	6.9	7.2	6.6	6.1	4.9						
41 44	2.25	3.30	3.70	3.60	3.00	1.95	0.25	0.50	1.30	1.00	0.40	0.15
	0.18	0.26	0.27	0.27	0.26	0.25						
	5.8	6.7	7.0	6.5	5.9	4.8						
35 & 30	2.25	3.25	3.65	3.65	3.00	1.95	0.20	0.50	1.30	0.95	0.40	0.10
	0.18	0.22	0.26	0.26	0.26	0.26						
	5.7	6.6	6.9	6.4	5.9	4.6						
51 52	2.20	3.30	3.65	3.65	3.00	1.95	0.25	0.55	1.30	0.95	0.45	0.15
	0.18	0.22	0.27	0.26	0.26	0.26						
	5.6	6.5	6.9	6.3	5.7	4.5						
50	2.25	3.30	3.60	3.55	2.95	1.95	0.25	0.60	1.40	1.00	0.50	0.25
	0.18	0.22	0.28	0.26	0.26	0.24						
	5.7	6.6	7.1	6.2	5.7	4.5						
48a	2.20	3.20	3.55	3.50	2.90	1.95	0.25	0.60	1.45	1.00	0.50	0.30
	0.18	0.20	0.31	0.26	0.25	0.21						
	5.8	6.6	7.1	6.1	5.8	4.5						
47	2.15	3.30	3.55	3.45	2.85	1.95	0.20	0.50	1.35	1.00	0.45	0.30
	0.18	0.18	0.31	0.24	0.27	0.17						
	5.9	7.1	7.3	6.0	5.9	4.5						
14	2.20	3.40	3.70	3.65	3.00	1.95	0.25	0.60	1.40	1.05	0.45	0.30
	0.15	0.26	0.36	0.26	0.35	0.17						
	5.5	6.2	6.9	5.8	5.5	4.5						
9	2.25	3.50	3.90	3.75	3.15	1.95	0.20	0.50	1.35	1.00	0.35	0.15
	0.15	0.26	0.36	0.27	0.35	0.17						
	5.7	6.9	7.2	6.2	5.9	4.5						
8	2.20	3.25	3.60	3.55	3.00	1.90	0.10	0.40	1.30	0.95	0.25	0.10
	0.15	0.26	0.35	0.25	0.32	0.17						
	5.3	6.3	6.8	5.7	5.4	4.4						
3	1.90	3.05	3.30	3.25	2.60	1.55	0.10	0.35	1.25	0.90	0.20	0.10
	0.16	0.22	0.30	0.25	0.30	0.15						
	5.5	5.9	6.6	5.5	5.2	4.0						